

ABSTRACT

Pharmaceutical application of a chemodenervating agent, particularly botulinum toxin, reduces inflammatory response and serves as an anti-inflammatory agent without systemic side effects and with long duration action, on the order of 12-24 weeks. In one embodiment, the effective dosage for allergy provoked inflammation reduction is an order of magnitude less than dosages associated with treatment of regional movement diseases, since the agent works to reduce inflammation by reducing histamine and other preformed mediator releases associated with mast cell degranulation.

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